

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-18-65  
Relating to Certification of New Motor Vehicles

VOLVO CAR CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1992 model Volvo Car Corporation exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: NVV2.3V5FE71 Displacement: 2.3 Liters (141 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three-Way Catalyst  
Heated Oxygen Sensor  
Exhaust Gas Recirculation  
Multipoint Electronic Fuel Injection  
Turbocharger  
Charge Air Cooler

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The emission standards for this engine family in grams per mile are as follows:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.41	7.0	0.4

The certification emission values for this engine family in grams per mile are as follows:

<u>Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.16	2.1	0.2

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." for the aforementioned model year (Title 13, California Code of Regulations, Section 1968).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2290).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 28<sup>th</sup> day of August, 1991.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O.# A-18-65 Page 1/2Manufacturer Volvo Car Corp Engine Family NVV2.3V5FE71Pass Car X Lt-Duty Truck        Med-Duty Vehicle        Fuel Type GasolineEngine Config. I-4 Liter (CID) 2.3 (141) Evaporative Family E3Exhaust ECS & Special Features (incl. CARB, MPI, etc.) MPI, HO2S, TWC, EGR, TC, CAC  
(Use abbreviations per SAE J1930 Jun88)Engine: Front X Mid.        Rear        Drive: FWD        RWD X 4WD-FT        4WD-PT       

Eng. Code/ (Cert. Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP	Ign.Sys. (PCME/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
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FE71:2 740 Turbo A 0227400149 72040311 3517392

Sedan	AW71	3375	8.9		or	
Wagon		3500	9.1		72040321	

940 Turbo	A				"	"	"
Sedan	AW71	3500	7.8				
Wagon	AW71	3625	8.4				

940 SE	A				"	"	
Sedan	AW71	3625	8.5				3517393
Wagon	AW71	3625	9.0				3517392

740 SE	A				"	"	"
Sedan	AW71	3375	9.9				
Wagon	AW71	3500	10.0				